

APPLY FOR
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Claims:

1. A method of monitoring an information system, comprising:
 - 5 providing a real-time engine unit (12) in communication with a broker unit (14), the engine unit (12) having an event source unit (30) and a metrics source unit (32); the engine unit (12) receiving an event signal (94) from the source unit (30) in a first protocol language;
 - 10 the engine unit obtaining a metrics parameter (48) in a signal (96) from the source unit (32) in a second protocol language;
 - 15 the engine unit (12) converting the first protocol language of the signal (94) and the second protocol language of the signal (96) to a third protocol language;
 - the engine unit (12) transmitting a signal (74) in the third protocol language, the signal (74) containing information from the signals (94, 96);
 - 20 the broker unit (14) receiving information of the signal (74) in the third protocol language, the unit (14) converting the information in the third protocol language to a universal protocol language that is understood by a plurality of consumers (16a-16f); and
 - 25 the broker unit (14) sending signals (78a-78f) containing the information in the universal protocol language to the consumer units (16a-16f), respectively.

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2. The method according to claim 1 wherein the method further comprises the engine unit (12) filtering information and correlating events.

5 3. The method according to claim 1 wherein the method further comprises the engine unit (12) is only able to communicate with the broker unit (14).

10 4. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information from the engine unit (12) to a format that is readable by all the consumers (16a-16f).

15 5. The method according to claim 1 wherein the method further comprises the broker unit (14) communicating with the engine unit (12) in a unique language (73) that is only used in communication with the broker unit (14) and the engine unit (12).

20 6. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information in a signal (74) to a uniform protocol (76) that is understood by all the consumers (16a-16f).

25 7. The method according to claim 1 wherein the method further comprises the source unit (30) monitoring events (42) without retrieving the events (42).

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8. The method according to claim 7 wherein the method further comprises grading the event (42) according to a severity grade.

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9. The method according to claim 1 wherein the method further comprises the event (42) triggering a second event.

10. The method according to claim 1 wherein the method further comprises the metric source unit (32) monitoring metric parameters.

AMENDED CLAIMS

Received by the International Bureau on 09 December 2003 (09.12.03);
Original claim 1 replaced by amended claims 1. Claims 2-10 are unchanged.

1. A method of monitoring an information system,
comprising:

providing a real-time engine unit (12) in
communication with a broker unit (14), the engine unit (12)
having an event source unit (30) and a metrics source unit
(32);

the event source unit (30) monitoring an event unit
(42);

the engine unit (12) receiving an event signal (94)
from the source unit (30) in a first protocol language;

linking a metrics parameter (48) of the unit (32) to
events in the event unit (42) of the event source unit (30);

the metrics parameter (48) counting a number of event
occurrences of the event unit (42);

the metrics parameter (48) comparing the number of
event occurrences to a threshold value;

the metrics parameter (48) sending an alert signal
(96) when the number of event occurrences is greater than the
threshold value;

the engine unit (12) receiving the alert signal (96)
from the source unit (32) in a second protocol language;

the engine unit (12) converting the first protocol
language of the signal (94) and the second protocol language
of the signal (96) to a third protocol language;

the engine unit (12) transmitting a signal (74) in the
third protocol language, the signal (74) containing
information from the signals (94, 96);

the broker unit (14) receiving information of the signal (74) in the third protocol language, the unit (14) converting the information in the third protocol language to a universal protocol language that is understood by a plurality of consumers (16a-16f);

the broker unit (14) sending signals (78a-78f) containing the information in the universal protocol language to the consumer units (16a-16f), respectively; and

the consumer units (16a-16f) receiving the signals (78a-78f) and displaying, in real-time, the metrics parameter (48) linked to the events in the event unit (32).

2. The method according to claim 1 wherein the method further comprises the engine unit (12) filtering information and correlating events.
3. The method according to claim 1 wherein the method further comprises the engine unit (12) is only able to communicate with the broker unit (14).
4. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information from the engine unit (12) to a format that is readable by all the consumers (16a-16f).
5. The method according to claim 1 wherein the method further comprises the broker unit (14) communicating with the engine unit (12) in a unique language (73) that is only used in communication with the broker unit (14) and the engine unit (12).
6. The method according to claim 1 wherein the method further comprises the broker unit (14) converting information in a signal (74) to a uniform protocol (76) that is understood by all the consumers (16a-16f).

7. The method according to claim 1 wherein the method further comprises the source unit (30) monitoring events (42) without retrieving the events (42).
8. The method according to claim 7 wherein the method further comprises grading the event (42) according to a severity grade.
9. The method according to claim 1 wherein the method further comprises the event (42) triggering a second event.
10. The method according to claim 1 wherein the method further comprises the metric source unit (32) monitoring metric parameters.